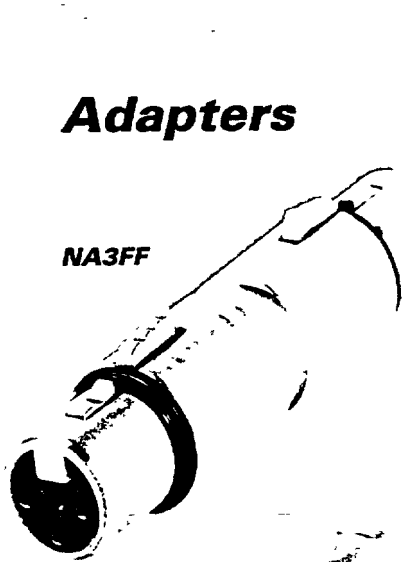


439-137-253

Accessories

for Professional Audio

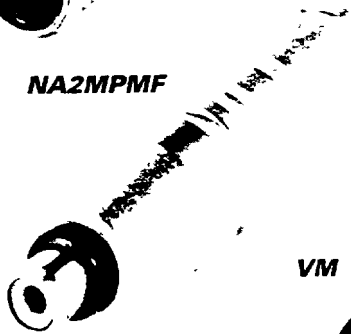
Adapters



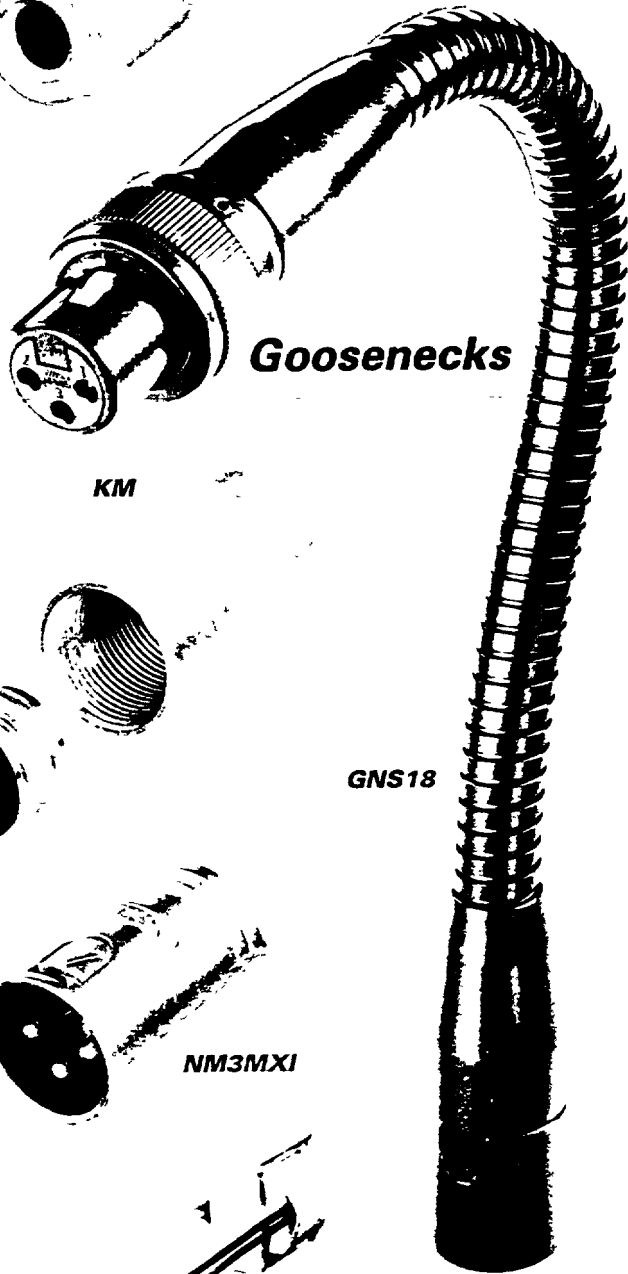
NA3FF



NAM4



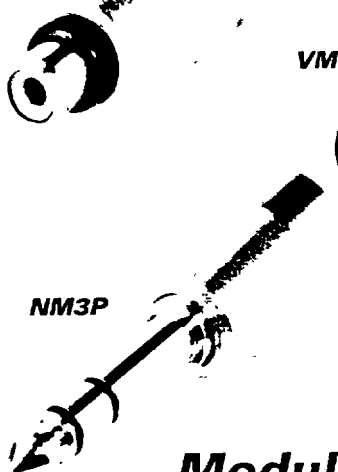
NA2MPMF



Goosenecks

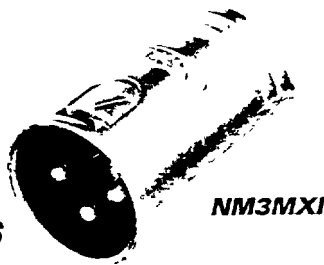
KM

GNS18



VM

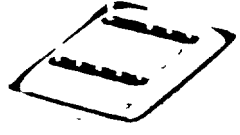
NM3P



NM3MXI

Modules

NTM1



NTE1

Transformers



NEUTRIK

CONNECTING THE WORLD

CONNECTORS
AUDIO TEST SYSTEMS
INFOMATIC SYSTEMS

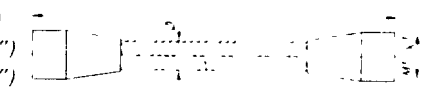
DESCRIPTION

GOOSENECKS

For flexible and secure mounting of microphones etc.

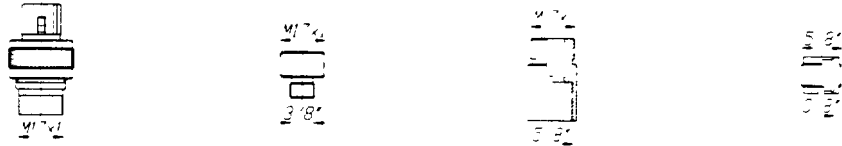
The versatile, modular system allows all conceivable combinations. Durable stainless steel spiral, non reflective black matt finish. No rust, no noise. Theft proof microphone connection.

GN 18 / 230 mm (9")
GN 36 / 360 mm (14")
GN 50 / 500 mm (20")



GN 18: \varnothing 12 mm (.47")
GN 36: \varnothing 13 mm (.51")
GN 50: \varnothing 15 mm (.59")

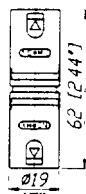
Gooseneck-Adapters included in GNS-Series



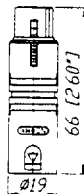
ADAPTERS:

Versatile, preassembled and ready to use problem solvers to reliably interlock various connector systems or thread standards. Professional look and compact design, rugged die cast shell based on the X-series connector system, the worldwide accepted XLR standard.

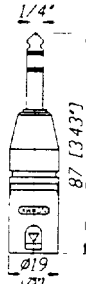
NA3MM



NA3FM



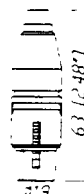
NA3MP



NA3FP



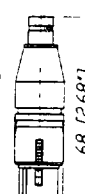
NA2FPMF



NA2MPMM



NA2MBNC



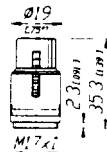
NA3MJ



MODULES.

Many different function modules allow designing new adapters to suit your specific needs. Based on the X-series connector system, for professional and reliable connections. NTE transformers can be built in.

NM3FXI



NM3MXI



NM2P



NM3P



VM



VMX



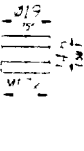
2PMM



NM3J



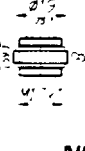
KMX



CM



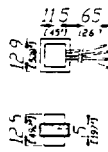
SM2/2



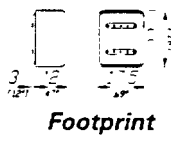
TRANSFORMERS:

Professional audio transformers for multiple applications, audio-, studio-, and line inputs very low distortion, excellent frequency response.

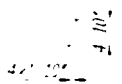
NTE-Series



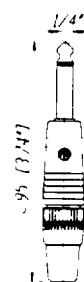
NTL/NTM-Series



Footprint



NP2C-T10



ORDERING INFORMATION

	Name	Input	Output	Comments
Gooseneck	GN18	M17x1 inner thread	M17x1 inner thread	230 mm length
	GN36	M17x1 inner thread	M17x1 inner thread	360 mm length
	GN50	M17x1 inner thread	M17x1 inner thread	500 mm length
Gooseneck set	GNS18	M17x1 inner thread	M17x1 inner thread	Sets include, beside GN18, 36 or 50 • black NC3FX-spec XLR female with securing ring and fixing screw to prevent theft and noise • black adapter M17x1 outer to 5/8" 27 UNS inner thread with through hole and cable outlet • thread adapter M17x1 outer - 3/8" outer thread • thread adapter 3/8" inner - 5/8" 27 UNS outer thread
	GNS36	M17x1 inner thread	M17x1 inner thread	
	GNS50	M17x1 inner thread	M17x1 inner thread	
Flange	GF1			panel mounting kit including mounting screw M17x1, 13 mm length
Mounting screw	MSG			M17x1 30 mm length
Adapter	NA3FF	XLR female	XLR female	All XLR connections are 3 pole, locking gender conversion gender conversion extension locking jack locking jack *) wired according to IEC 268-12. pin 2 = signal pin 1 and 3: connected to ground **) 5/8" 27 UNS
	NA3MM	XLR male	XLR male	
	NA3FM	XLR female	XLR male	
	NA3FJ	XLR female	stereo 1/4" jack	
	NA3MJ	XLR male	stereo 1/4" jack	
	NA2FP	XLR female	mono 1/4" plug*	
	NA2MP	XLR male	mono 1/4" plug*	
	NA3FP	XLR female	stereo 1/4" plug	
	NA3MP	XLR male	stereo 1/4" plug	
	NA2FBNC	XLR female	BNC socket*	
	NA2MBNC	XLR male	BNC socket*	
	NA2FPMF	XLR female	phono (RCA-) jack*	
	NA2MPMF	XLR male	phono (RCA-) jack*	
	NA2FPMM	XLR female	phono (RCA-) plug*	
	NA2MPMM	XLR male	phono (RCA-) plug*	
NAM1	M17x1 outer thread	outer thread**	**)	
NAM4	M17x1 outer thread	inner thread**	**)	
NAM5	3/8" inner thread	outer thread**	**)	
Coupler Coupler	VM	M17x1 outer thread	M17x1 outer thread	plastic, holds NTE-series transformers in place all metal
	VMX	M17x1 outer thread	M17x1 outer thread	
Housing Housing	NM3FXI	XLR female	M17x1 outer thread	M17x1 outer thread
	NM3MXI	XLR male	M17x1 outer thread	
Housing Housing Connector Housing	NM2P	mono 1/4" plug	M17x1 inner thread	locking jack
	NM3P	stereo 1/4" plug	M17x1 inner thread	
	2PMM	mono 1/4" plug	M17x1 outer thread	
	NM3J	stereo 1/4" jack	M17x1 inner thread	
Switch Module Housing Housing Cable Housing Cable Housing	SM2/2	M17x1 outer thread	M17x1 outer thread	2x2 switch positions long version short version short version long version
	KM	M17x1 inner thread	M17x1 inner thread	
	KMX	M17x1 inner thread	M17x1 inner thread	
	CM	cable outlet	M17x1 inner thread	
	CML	cable outlet	M17x1 inner thread	

Standard

		Source/load impedances in Ω	Turns Ratio	Max. Input Voltage (1% THD @60Hz)	
Audio input	NTE1	200 / 200	1 1	880mV	free wires, red mark
Audio input	NTE4	200 / 10K	1 4	450mV	free wires, yellow mark
Audio input	NTE10/3	200 / 50K	1 3 10	500mV	free wires, orange mark
1/4" Phone plug	NP2C-T10	200 / 50K	1 10	450mV	with built-in transformer to convert microphone levels to guitar inputs PCB mounting, fully Mu-metal shielded
Studio line	NTL1	600 / 600	1 1	6V (1% THD @30Hz)	PCB mounting, fully Mu-metal shielded
Studio microphone input	NTM1	200 / 200	1 1	1.5V	PCB mounting, fully Mu-metal shielded
	NTM4	200 / 10K	1 4	1.5V	PCB mounting, fully Mu-metal shielded

Specification and Technical Data

Goosenecks, Adapters and Modules

Gooseneck made of CuZn39Pb2, stainless steel spiral inside, non reflective, black matt finish

	XLR part	Jack/Plug part
Insertion / withdrawal force	≤ 20N / ≤ 20N	depends on mating connector
Solderability	complies with IEC 68-2-20	complies with IEC 68-2-20
Contact resistance	≤ 3m Ω	depends on mating connector
Insulation resistance	≥ 2x10 ⁹ Ω	≥ 2x10 ⁹ Ω
after salt mist & damp heat test	≥ 10 ⁹ Ω	≥ 10 ⁹ Ω
(IEC 68-2-11, IEC 68-2-30)		
Dielectric withstanding voltage	1.5kV DC	1kVDC (2pole) 0.5kVDC (3pole)
Temperature range	-20° C to +65° C	-20° C to +65° C
Rated current per contact	16A	depends on mating connector
Max. wire size	1.5 mm ² / AWG14	1.2 mm ² / AWG16
Capacity between contacts	≤ 4pF	depends on mating connector
Housing	ZnAl4Cu1, gal Cu/Ni	ZnAl4Cu1, gal Cu/Ni
Contact insert / insulation	PA 6.6 30% gr	PA 6.6 30% gr
Contacts	CuZn39Pb3 (male) CuSn6 (female)	CuZn39Pb3 (plug) CuBe2 (jack)
Contact surface	galv. 2μ Ag	galv. 2μ Ni (plug), galv. 2μ Ag (jack)

General specifications might change after wiring of the components

Some possible module combinations:

XLR adapter female-male with built in transformer
 XLR to phone plug adapter with built in transformer
 XLR connector or phone plug with spare space for custom designed electronics
 Switch selected path, transformer or electronics

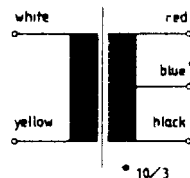
NM3FXI+NTE+KMX+NM3MXI
 NM3FMXI+NTE+KMX+VMX+NM2P
 CML+NM3MXI or CML+NM3FXI
 or CML+VMX+NM2P
 NM2FXI+KM+SM2/2+KMX+NM3MXI

Transformers

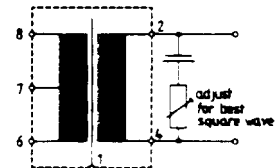
	ripple 20Hz-20kHz	max. input voltage		source impedance
		THD ≤ 1%	THD ≤ 3%	
NTE1	max. -1dB	880mV	980mV	200Ω
NTE4	max. -1dB	1050mV	1210mV	1kΩ
NTE10/3	max. -2dB	940mV	1220mV	10kΩ

	Turns ratio	winding resistance		inductance primary at 30Hz
		primary	secondary	
NTL1	1 : 1 ± 5%	1.1kΩ ± 5%	1.35kΩ ± 5%	≥ 150 Hy
NTM1	1 : 1 ± 10%	105Ω ± 3%	1.25kΩ ± 5%	≥ 8 Hy
NTM4	1 : 4 ± 10%	105Ω ± 3%	1.25kΩ ± 5%	≥ 8 Hy

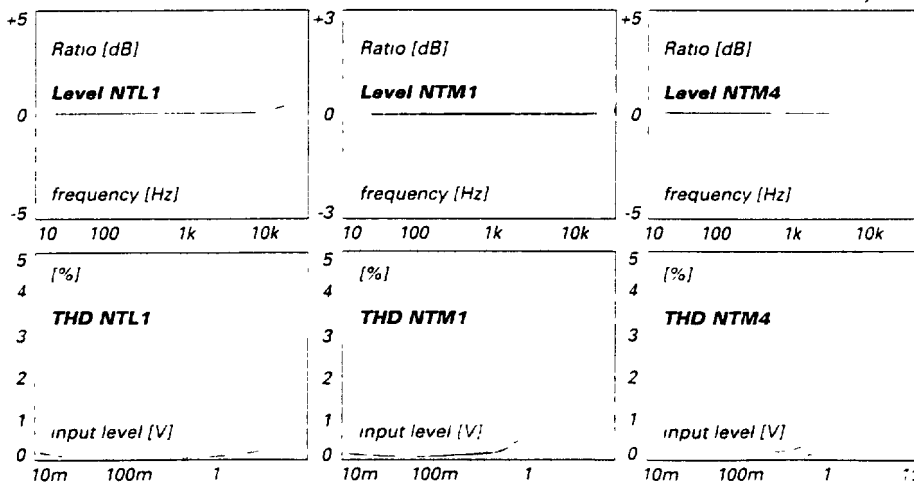
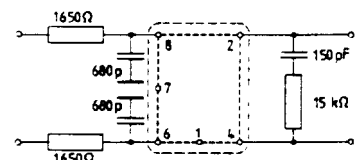
NTE1, 4, 10/3



NTL1, NTM1, 4



NTL1: typical application



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